

## Technology Education

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# Technology Education Graduate Programs

## Virginia Tech

Virginia Tech is a land grant university with about 5,000 graduate and 18,000 undergraduate students. The town of Blacksburg is located on a plateau between the Blue Ridge and Allegheny mountains in beautiful southwest Virginia.

The University is organized into seven colleges and the Graduate School. Graduate degrees are conferred by the College of Agriculture and Life Sciences, Forestry, Architecture and Urban Studies, Arts and Sciences, Business, Engineering, Human Resources and Education, and Veterinary Medicine.

## Technology Education at Virginia Tech

The Technology Education program was founded at Virginia Tech in 1946. During its early years, the program concentrated on high quality undergraduate instruction. In 1972, the graduate program was organized, and today it is recognized as one of the leading programs in technology.

Since formation, over 150 graduate degrees have been awarded. These graduates are employed in public secondary education, higher education, administration, and the private sector. The graduate program is designed to help students advance their ability in leadership with emphasis on research, problem solving, and critical thinking skills. The faculty is nationally and internationally recognized for their leadership and research in technology education.

## Degrees/Certificates Offered

The Technology Education program at Virginia Tech is part of the Department of Teaching and Learning. Master of Science (M.S.), Education Specialist (Ed.S.), Doctor of Education (Ed.D.), and Doctor of Philosophy (Ph.D.) degrees are offered.

## Master of Science

Thirty semester hours beyond the bachelor's degree are required for the Master of Science degree. The program of study consists of 6 hours of professional education core courses, 15 hours in technology education, 3 hours of research and evaluation, and at least 6 hours in a cognate area normally outside the college. Thesis and non-thesis options are available.

Master's degree students may be admitted under Regular Status (2.75 grade point average in the last two years of undergraduate study), Provisional Status (2.75-2.50 grade point average in junior/senior years), Special Student Status, Non-Degree Status, Unclassified Professional Status, and Transient Student Status. Details may be found in the Graduate Catalog, which can be purchased at the University Bookstore.

## Education Specialist

The Education Specialist (Ed.S.) degree is awarded upon successful completion of an approved Program of Study that includes: a) 30 or more post master's hours in the approved Program of Study; b) a planned project; and c) the Comprehensive Examination.

## Doctor of Education

The Doctor of Education (Ed.D.) degree is offered in Curriculum and Instruction with a concentration in Technology Education. The degree is oriented toward educational practice. At least 60 hours beyond the master's degree are required along with a residency of two consecutive semesters and the completion of at least 24 semester hours. The five degree components are:

- General Foundations (6 hrs.)
- Technology Education and Related Study (27 hrs.)
- Cognate (9 hrs. minimum)
- Research (12 hrs. minimum)
- Dissertation (24 hrs.)

## Doctor of Philosophy

The Doctor of Philosophy (Ph.D.) degree is offered in Curriculum and Instruction with a concentration in Technology Education. The degree is oriented toward research. At least 66 semester hours beyond the master's degree are required along with residency of two, normally continuous, academic years. The program of study consists of the following components:

- General Foundations (3 hrs. minimum)
- Technology Education and Related Study (24 hrs.)
- Cognate (3 hrs. minimum)
- Research (12 hrs. minimum)
- Dissertation (30 hrs.)

Doctoral degree programs are tailored to the needs of the individual student based on prior academic and professional experience, interests, and career objectives.

## Admission to Doctoral Study

Applicants for a doctoral degree should have teaching experience, hold a master's degree, and have a grade point average of at least 3.3 (on a scale of 4.0) in all previous graduate work. In addition, applicants are required to submit three letters of recommendation, submit a writing sample, and participate in an interview with the faculty. GRE scores are also required.

## Application Process

Applicants should request the *Graduate Bulletin and Application* from the Technology Education Program or the Graduate School, Sandy Hall, Virginia Tech, Blacksburg, VA 24061-0325. Telephone 540-231-3714.

## Financial Support

Graduate teaching/research assistantships are available in Technology Education for qualified full-time students on a competitive basis.

**For more information contact:** Technology Education, Virginia Tech, 144 Smyth Hall, Blacksburg, VA 24061-0432 (540) 231-6480

**Visit our Web Site at <http://TechEd.vt.edu/>**